

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Title Of Invention	Enforcing Currency and Consistency Constraints in Database Query Processing		
		Application Number	10/805,083		
		Filing Date	03/19/2004		
		First Named Inventor	Per-Åke Larson		
		Art Unit	Not Yet Available		
		Examiner Name	Not Yet Available		
Sheet	1	of	3	Attorney Docket Number	306979.01

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	A	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Kind Code ² Country Code ³ Number ⁴ (if known)				
	B					

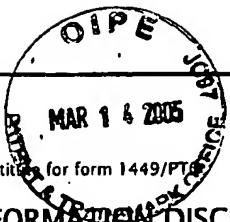
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ³
<i>AW</i>	C	R. Alonso, D. Barbará, H. Garcia-Molina, and S. Abad. <i>Quasi-copies: Efficient Data Sharing For Information Retrieval Systems</i> . in EDBT, 1988.	
<i>U</i>	D	M. Altinel, C. Bornhövd, S. Krishnamurthy, C. Mohan, H. Pirahesh, and B. Reinwald. <i>Cache Tables: Paving The Way For An Adaptive Database Cache</i> . in VLDB, 2003.	
<i>Am</i>	E	C. Bornhövd, M. Altinel, S. Krishnamurthy, C. Mohan, H. Pirahesh, and B. Reinwald. <i>Dbcache: Middle-Tier Database Caching For Highly Scalable E-Business Architectures</i> . in SIGMOD, 2003.	

Examiner Signature	<i>[Signature]</i>	Date Considered	<i>9/26/06</i>
-------------------------------	--------------------	----------------------------	----------------

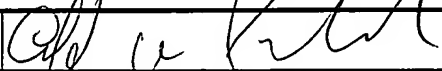
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Information Disclosure Statement—PTO/SB/08a&b
Matter No.: 306979.01

 <p>Substitution for form 1449/PTA</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>		Title Of Invention	Enforcing Currency and Consistency Constraints in Database Query Processing
		Application Number	10/805,083
		Filing Date	03/19/2004
		First Named Inventor	Per-Åke Larson
		Art Unit	Not Yet Available
		Examiner Name	Not Yet Available
Sheet 2	of 3	Attorney Docket Number	306979.01

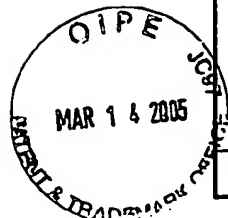
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>See</i>	F	D. Barbará and H. Garcia-Molina. <i>The Demarcation Protocol: A Technique For Maintaining Constraints In Distributed Database Systems.</i> in EDBT, 1992.	
	G	L. Bright and L. Raschid. <i>Using Latency-Recency Profiles for Data Delivery on the Web.</i> In Proc. in VLDD, 2002.	
	H	A. Gal. <i>Obsolescent Materialized Views in Query Processing of Enterprise Information Systems.</i> in CIKM, 1999.	
	I	H. Garcia-Molina and G. Wiederhold, <i>Read-Only Transactions In A Distributed Database.</i> in TODS, 1982.	
	J	R. Gellersdörfer and M. Nicola, <i>Improving Performance In Replicated Databases Through Relaxed Coherency.</i> in VLDB, 1995.	
	K	J. Goldstein and P. Larson. <i>Optimizing Queries Using Materialized Views: A Practical, Scalable Solution.</i> In SIGMOD, 2001.	
	L	Y. Huang, R. Sloan, and O. Wolfson. <i>Divergence Caching in Client Server Architectures.</i> in PDIS, 1994.	
	M	P. Larson, J. Goldstein, and J. Zhou. <i>Transparent Mid-Tier Database Caching In SQL Server.</i> in SIGMOD, 2003.	
	N	P. Larson, J. Goldstein, and J. Zhou. <i>MTCache: Transparent Mid-Tier Database Caching In SQL Server.</i> in ICDE, 2004.	
	O	A. Labrinidis and N. Roussopoulos. <i>Balancing Performance And Data Freshness In Web Database Servers.</i> In VLDS, 2003.	
	P	C. Olston, B. Loo, and J. Widom. <i>Adaptive Precision Setting for Cached Approximate Values.</i> in SIGMOD, 2001.	
<i>See</i>	Q	C. Olston and J. Widom. <i>Offering A Precision Performance Tradeoff For Aggregation Queries Over Replicated Data.</i> in VLDB, 2000.	

Examiner Signature		Date Considered	
-----------------------	---	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Information Disclosure Statement—PTO/SB/08a&b
Matter No.: 308293.02



Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Title Of Invention	Enforcing Currency and Consistency Constraints in Database Query Processing		
		Application Number	10/805,083		
		Filing Date	03/19/2004		
		First Named Inventor	Per-Åke Larson		
		Art Unit	Not Yet Available		
		Examiner Name	Not Yet Available		
Sheet	3	of	3	Attorney Docket Number	306979.01

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ³
Per	R	C. Pu and A. Left. <i>Replica Control In Distributed Systems: An Asynchronous Approach</i> . in SIGMOD, 1991.	
	S	U. Röhm, K. Böhm, H. Schek, and H. Schuldt. <i>FAS - a Freshness-Sensitive Coordination Middleware for a Cluster of OLAP Components</i> . in VLDB, 2002.	
	T	A. Segev and W. Fang. <i>Currency-based Updates To Distributed Materialized Views</i> , in ICDE, 1990.	
	U	L. Seligman and L. Kerschberg. <i>A Mediator For Approximate Consistency: Supporting "Good Enough" Materialized Views</i> . in JIIS, 8(3):203-225, 1997.	
	V	A. Sheth and M. Rusinkiewicz. <i>Management Of Independent Data: Specifying Dependency And Consistency Requirements</i> . in Workshop on the Management of Replicated Data, pages 133-136, 1990.	
	W	G. Wiederhold and X. Qian. <i>Modeling Asynchrony in Distributed Databases</i> . In ICDE, 1987.	
Per	X	O. Wolfson, B. Xu, S. Chamberlain, and L. Jiang. <i>Moving Objects Databases: Issues And Solutions</i> . in Statistical And Scientific Database Management, pages 111-122, 1998.	
	Y	H. Yu and A. Vahdat. <i>Efficient Numerical Error Bounding For Replicated Network Services</i> . in VLDB, 2000.	

Examiner Signature		Date Considered	9/26/06
-----------------------	--	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Information Disclosure Statement—PTO/SB/08a&b
Matter No.: 308293.02